

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1298	((521/139) or (521/59)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 09:13
L2	1018	I1 and (styrene or polystyrene or methylstyrene or styrenic)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 09:14
L3	738	I2 and (granule or granulate or granular or pellet or pelletized or pelleted or bead or beaded or granulated or extrude or extruded)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 09:14
L4	460	I3 and ((molecular adj (mass or weight or distribution or size)) or "MW")	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 09:15
L5	324	I4 and (expand\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 09:15
L6	271	I5 and (copolymer with (styrene or styrenic or polystyrene or methylstyrene))	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 09:16
L7	228	I6 and (blowing adj agent)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 09:16
L8	115	I7 and (pellet\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 09:16
L9	12	I8 and (modal or multimodal or bi \$modal)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 09:17
L10	58	I8 and ((mass or weight or size) with (dispersity or polydispersity or distribution or distributed or modal or modality))	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 09:23
L11	46	I10 not I9	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 09:23

L12	11	("3281383"   "4307134"   "4333970"   "4409338"   "4423160"   "4424285").PN. OR ("5496864").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 09:35
L13	262870	(styrene or polystyrene or methylstyrene or styrenic)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/05 09:42
L14	26656	I13 and (granule or granulate or granular or pellet or pelletized or pelleted or bead or beaded or granulated or extrude or extruded)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/05 09:42
L15	6592	I14 and ((molecular adj (mass or weight or distribution or size)) or "MW")	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/05 09:42
L16	603	I15 and (expand\$6)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/05 09:42
L17	173	I16 and (copolymer with (styrene or styrenic or polystyrene or methylstyrene))	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/05 09:43
L18	62	I17 and (blowing adj agent)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/05 09:43
L19	11	I18 and (pellet\$6)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/05 09:43
L20	51	I18 not I19	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/05 09:44
L30	14	"I29" and (expand\$6). clm.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 09:53
L33	116615	Han.in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 10:09
L34	116615	Han.IN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 10:09
L35	116615	"Han".IN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 10:09
L36	3	I35 and "dietzen".in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 10:09

L37	13	I35 and "ehrmann".in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 10:10
L38	3	I35 and "ruch".in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 10:11
L39	4	I35 and "allmendinger". in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 10:11
L40	7	I35 and "schmied".in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 10:11
L41	7	I34 and "schmied".in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 10:11
L42	3	I34 and "holoch".in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 10:12
L43	34	hahn.in. and (ehrmann. in. or ruch.in. or allmendinger.in. or schmied.in. or holoch. in. or dietzen.in.)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 10:14
L44	3388	((521/60) or (521/79) or (524/241) or (525/50) or (525/55)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 10:47
L45	2118	I44 and (styrene or polystyrene or methylystyrene or styrenic)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 10:47
L46	1559	I45 and (granule or granulate or granular or pellet or pelletized or pelleted or bead or beaded or granulated or extrude or extruded)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 10:47
L47	979	I46 and ((molecular adj (mass or weight or distribution or size)) or "MW")	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 10:47
L48	551	I47 and (expand\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 10:48
L49	393	I48 and (copolymer with (styrene or styrenic or polystyrene or methylstyrene))	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 10:48
L50	323	I49 and (blowing adj agent)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 10:48
L51	156	I50 and (pellet\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 10:48
L52	14	I51 and (modal or multimodal or bi \$modal)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 10:48

S1	1	"10/596262".app.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/01 18:24
S2	1	"5010111".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/01 18:24
S3	1	"EP 0126469"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2010/11/01 18:25
S4	0	"EP 0126469"	EPO; DERWENT	OR	ON	2010/11/01 18:25
S5	1	"EP 126469"	EPO; DERWENT	OR	ON	2010/11/01 18:25
S6	1	"EP 126459"	EPO; DERWENT	OR	ON	2010/11/01 18:29
S7	6566	(granule or granulate or pellet or pelletized or granular or pelleted) with (styrene or polystyrene)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 15:41
S8	12	S7 and ((bi\$1 or multi \$1) adj modal)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 15:42
S9	220	S7 and ((bi\$1 or multi \$1) with (modal or size or distribution))	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 15:45
S10	35	S9 and (blowing adj agent)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 15:45
S11	23	S10 and (expand\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 15:45
S12	1	"20060167123"	DERWENT	OR	ON	2010/11/04 15:54
S13	6649	(granule or granulate or pellet or pelletized or granular or pelleted) with (styrene or polystyrene or styrenic)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 16:28
S14	12	S13 and ((bi\$1 or multi \$1) adj modal)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 16:28
S15	230	S13 and ((bi\$1 or multi \$1) with (modal or size or distribution))	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 16:28
S16	35	S15 and (blowing adj agent)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 16:28
S17	12625	(styrene or styrenic or polystyrene) and ((bi\$1 or multi\$1) with (modal or modality or modalidy or size or sizing or distribution))	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 16:29

S18	3636	S17 and (expand\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 16:29
S19	1539	S18 and (pellet or pelletiz\$4 or granule or granulate or granular)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 16:30
S20	125	S19 and (blowing adj agent)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 16:30
S21	89	S20 and (molecular adj (mass or weight or distribution))	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 16:30
S22	195415	(copolymer with \$5styrene)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 16:30
S23	61	S21 and (copolymer with \$5styrene)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 16:31
S24	12	("2744291"   "3743611"   "4368218"   "4433029").PN. OR ("4663357").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 16:43
S25	8	("2744291"   "4968466"   "4990540").PN. OR ("5132330").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 16:48
S26	9	("4497912"   "4663357"   "4812484").PN. OR ("4990540").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 16:49
S27	12	("2744291"   "3743611"   "4368218"   "4433029").PN. OR ("4663357").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 16:57
S28	11	("3558534"   "3996311"   "4906698"   "4908392"   "4990540").PN. OR ("5166221").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 16:59
S29	19037	(high with ((molecular adj (mass or weight)) and (styrene or polystyrene or styrenic)))	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 17:00
S30	5130	S29 and (low with ((molecular adj (mass or weight)) and (styrene or polystyrene or styrenic)))	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 17:00
S31	1008	S30 and (expand\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 17:01

S32	846	S31 and (granule or granulate or pellet or pelletized\$4 or particles or particulate)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 17:01
S33	530	S32 and (copolymer with (syrene or polystyrene or styrenic))	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 17:01
S34	165	S33 and ((blowing or expansion or expanding) adj agent)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 17:02
S35	150	S34 not S23	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 17:02
S36	150	S35 and (molecular adj weight)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 17:02
S37	0	S36 and ((bi\$1 or multi) adj (modal or distribution or size))	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 17:03
S38	2	S36 and multimodal	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 17:03

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L21	524	((granule or granulate or pellet or pelletized or granular or pelleted) with (styrene or polystyrene)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/11/05 09:47
L22	33	l21 and (blowing adj agent).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/11/05 09:47
L23	8	l22 and (molecular adj (mass or weight or distribution)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/11/05 09:48
L24	226	((styrene or styrenic or polystyrene) and ((bi\$1 or multi\$1) with (modal or modality or modalidy or size or sizing or distribution))).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/11/05 09:50
L25	14	l24 and (expand\$6).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/11/05 09:50
L26	91250	(styrene or polystyrene or methylstyrene or styrenic).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/11/05 09:52

L27	8359	l26 and (granule or granulate or granular or pellet or pelletized or pelleted or bead or beaded or granulated or extrude or extruded).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/11/05 09:52
L28	2940	l27 and (copolymer with (styrene or styrenic or polystyrene or methylstyrene)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/11/05 09:52
L29	589	l28 and ((molecular adj (mass or weight or distribution or size)) or "MW").clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/11/05 09:53
L31	60	l29 and (expand\$6).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/11/05 09:53
L32	1071	((521/139) or (521/59)).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/11/05 10:03
L53	1091	(521/79).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/11/05 10:52

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